

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40	348/281.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 11:02
S2	861	348/294.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:39
S3	485	348/302.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:39
S4	1324	S1 S2 S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:39
S5	983	(ccd or sensor or imager or pixel or photodiode or photo\$1detect\$4 or photo\$1sens\$4) same line with (ad or a\$1d or (analog near2 digital)) near3 (convert\$4 or circuit) same switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:56
S6	4138	(ccd or sensor or imager or pixel or photodiode or photo\$1detect\$4 or photo\$1sens\$4) same signal near3 line with switch and image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 16:59
S7	3717	plurality near3 signal near3 line same (imag\$4 or sensor or ccd or cmos) and imag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 17:00
S8	4	("5153737" "5990948").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/02 17:00
S9	7	("5461425" "5717458").PN. OR ("5990948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:02
S10	2074	column with (plural or plurality or multiple) near4 signal near4 line	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:02

EAST Search History

S11	1156	column with (plural or plurality or multiple) near4 signal near4 line and (imager or camera or ccd or sensor or pixel or photo\$1diode or photo\$1sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:34
S12	494828	("348" "438" "257" "358" "396"). clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:04
S13	338	S12 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:04
S14	18	("3940602" "4392154" "4577233" "4920428" "4926247").PN. OR ("5153731").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:10
S15	7273	(plural or plurality or multiple) near4 signal near4 line same (imager or camera or ccd or sensor or pixel or photo\$1diode or photo\$1sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:35
S16	6551	(plural or plurality or multiple) near4 signal near4 line same (imager or camera or ccd or (image near2 sensor) or pixel or photo\$1diode or photo\$1sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:35
S17	2911	S16 and @ay<"2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:37
S18	871	348/294.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 17:37
S19	6	("20020118291" "5317455" "6075565" "6130420" "6211507" "6583818").PN. OR ("7079183"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:53
S20	1126	348/308.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 11:02
S21	136	348/308.ccls. and (column) with (multiple or plural or plurality) near4 line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 11:05
S22	3445	(camera or imager or ccd or (imag\$3 near4 (sens\$4 or element or device or apparatus))) and (column) with (multiple or plural or plurality) near4 line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 11:07

EAST Search History

S23	1770	(camera or imager or ccd or (imag\$3 near4 (sens\$4 or element or device or apparatus))) and (column) with (multiple or plural or plurality) near4 line same (photo\$2element or photo\$1sens\$4 or phto\$1site or pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 11:07
S24	1798	(camera or imager or ccd or (imag\$3 near4 (sens\$4 or element or device or apparatus))) and (column) with (multiple or plural or plurality) near4 line same (photo\$2element or photo\$1sens\$4 or phto\$1site or pixel or photo\$1diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 11:08
S25	573	(camera or imager or ccd or (imag\$3 near4 (sens\$4 or element or device or apparatus))) and (column) with (multiple or plural or plurality) near4 line near3 signal same (photo\$2element or photo\$1sens\$4 or phto\$1site or pixel or photo\$1diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:09
S26	323	"257".clas. and column\$4 with (multiple or plural or plurality) near5 lines near3 signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:20
S27	190	"257".clas. and column\$4 with (multiple or plural or plurality) near5 lines near3 signal and @ad<"20021011"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:32
S28	4836	nagasaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:23
S29	400	nagasaki.in. and olympus.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:23
S30	50	"250".clas. and column\$4 with (multiple or plural or plurality) near5 lines near3 signal and @ad<"20021011"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 16:53

EAST Search History

S31	1	09-238286	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 16:53
S32	2	"09238286"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:07
S33	7	"5990948"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:07
S34	7	("5461425" "5717458").PN. OR ("5990948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:11
S35	232	((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (two or three or plural or plurality or multiple or group) near4 line and @ad<"20021011"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:21
S36	10	("20020154236" "4581539" "5239380" "5801409" "6198507" "6515703" "6628328" "6707499" "6778214" "6825879").PN. OR ("7050100"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:17
S37	4	("4930006" "5410146" "5965892" "5973311").PN. OR ("6844898"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:20
S38	2	((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (red) near4 line and ((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (green) near4 line and ((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (blue) near4 line and @ad<"20021011"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:42

EAST Search History

S39	18	("4277799" "4367492" "4553159" "4580160").PN. OR ("4692794").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:24
S40	16	((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (red) with line and ((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (green) with line and ((imag\$3 near3 (sensor or detector or captur\$4 or taking)) or photo\$3sens\$3 or photo\$3diode or photo\$1site or photo\$1element) same column with (blue) with line and @ad<"20021011"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:50
S41	0	(ayusawa with iwao).in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 17:50
S42	164	(ayusawa with iwao).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:50
S43	2	"6888568".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 09:40
S44	30	("4176373" "4245241" "4300163" "4709259" "4774565" "4805023" "4930006" "4996413" "5262871" "5329312" "5408422" "5418565" "5475769" "5541654" "5640202" "5841126" "6069351" "6133954" "6166367" "6226034" "6496224").PN. OR ("6888568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/06 09:40

EAST Search History

S45	30	("4176373" "4245241" "4300163" "4709259" "4774565" "4805023" "4930006" "4996413" "5262871" "5329312" "5408422" "5418565" "5475769" "5541654" "5640202" "5841126" "6069351" "6133954" "6166367" "6226034" "6496224").PN. OR ("6888568"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/06 10:03
S46	32	("20010013894" "4176373" "4245241" "4300163" "4580160" "4709259" "4768085" "4774565" "4805023" "4930006" "5262871" "5329312" "5373322" "5382976" "5408422" "5418565" "5541654" "5555023" "5640202" "5771070" "5781233" "5841126" "6069351" "6130960" "6133954" "6166367" "6226034" "6466265" "6580456" "6590198" "6888568" "6965395").PN. OR ("7133073").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/06 13:38
S47	7	("20020141657" "20030112335" "59 04330" "6081422" "6175300" "6768 868" "6784924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/06 13:48
S50	1401	(makoto with shimizu).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 17:42